IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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) Group Art Unit: Unassigned
) Examiner: Unassigned
) Confirmation No.: Unassigned
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FIRST INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure as set forth in 37 C.F.R. § 1.56, Applicant hereby submits the following information in conformance with 37 C.F.R. §§ 1.97 and 1.98. Pursuant to 37 C.F.R. § 1.98, a copy of each of the documents cited is enclosed.

The documents are being submitted within three (3) months of the filing or entry of the national stage of this application or before the first Office Action on the merits, whichever is later, therefore under 37 C.F.R. § 1.97(b) no fee or statement is required.

To assist the Examiner, the documents are listed on the attached form PTO-1449. It is respectfully requested that an Examiner-initialed copy of this form be returned to the undersigned.

Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

Date: September 29, 2003

Platon N. Mandros

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Substitute for forms 1449A/PTO & 1449B/PTO

FIRST INFORMATION DISCLOSURE STATEMENT BY APPLICANT

ATTORNEY'S DKT NO. 018775-877	APPLICATION NO. Unassigned			
APPLICANT Akira MURAKAWA				
FILING DATE September 29, 2003	GROUP Unassigned			

		U	.S. PATENT DOCUMENTS				
Examiner	Document Number	Kind Code (if known)	Name of Patentee or Applicant of Cited Document		Issue/Publication Date (MM-DD-YYYY)		
Initials	US 2001/0034834	A1	Matsuyama et al.			10-25-2001	
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		FO	REIGN PATENT DOCUMENTS				
Examiner Initials	Document Number	Kind Code (if known)	Country	Date of Publication (MM-DD-YYYY)	Transl Yes	No	
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	2001-320356		Japan	11-16-2001	Abst		
	2002-259108		Japan	09-13-2002	Abst	-	
						 	
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gury :		NON P	ATENT LITERATURE DOCUME	NTS			
Examiner	Includ	o name of autho	r (in CAPITAL LETTERS), title of the ar	ticle (when appropriate), titl ate, page(s), volume-issue	e of the number(s),		
Initials			publisher, city and/or country where percentage publisher percentage percentage publisher percentage publisher percentage percentage publisher percentage	nunusnea.		page	
	146 Edition 1).						
	"HP Jetdirect Print S	ervers," Hewlet	t-Packard, April 2002, pp. 1-3; 122-127,	Edition 1.			
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Examiner Signature			Date Considered				

EXAMINER: Initial if reference considered, whether or not citation is in conformance with M.P.E.P. § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.